



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 09.03.04 Software Engineering,  
38.03.05 Business Informatics

Educational Programme "IT System Development for Business"

Specializations: "Information Systems Lifecycle Management",  
"IT Analytics", "Software Systems Development"

Implementing unit: -, HSE - Perm

1 st, 2023/2024 academic year

APPROVED

23.05.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2023/2024 - 2026/2027

Mode of Study: Full Time

Degree: Bachelor's degree

Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
							1	2	3	4	
<b>Degree Programme</b>				<b>60,00</b>	<b>2 485</b>	<b>994</b>	<b>260</b>	<b>208</b>	<b>294</b>	<b>232</b>	
<b>Data Culture</b>						<b>2</b>			<b>2</b>		
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций			2			2A		Online Course
<b>Major</b>				<b>47,00</b>	<b>1 786</b>	<b>674</b>	<b>130</b>	<b>138</b>	<b>228</b>	<b>178</b>	
<b>Core Professional Block (Major)</b>				<b>40,00</b>	<b>1 520</b>	<b>560</b>	<b>110</b>	<b>110</b>	<b>192</b>	<b>148</b>	
<b>Subject Areas</b>				<b>40,00</b>	<b>1 520</b>	<b>560</b>	<b>110</b>	<b>110</b>	<b>192</b>	<b>148</b>	
1	Algebra	C	Кафедра информационных технологий в бизнесе	7,00	266	84	42	42A			
2	Discrete Mathematics	C	Кафедра информационных технологий в бизнесе	8,00	304	120	20	20A	40	40A	
3	Calculus	C	Кафедра информационных технологий в бизнесе	8,00	304	160			86	74A	
4	Practice in Basics of Technical Documentation Designing	C	Кафедра информационных технологий в бизнесе	3,00	114	28	28A				
5	Программирование	C	Кафедра информационных технологий в бизнесе	10,00	380	118	20	28A	36	34A	
6	Theoretical Foundations of Computer Science	C	Кафедра информационных технологий в бизнесе	4,00	152	50		20	30A		
<b>Elective Professional Block (Major)</b>				<b>7,00</b>	<b>266</b>	<b>114</b>	<b>20</b>	<b>28</b>	<b>36</b>	<b>30</b>	
<b>Seminars and Career Guidance Disciplines</b>				<b>7,00</b>	<b>266</b>	<b>114</b>	<b>20</b>	<b>28</b>	<b>36</b>	<b>30</b>	
<b>Compulsory Seminars</b>				<b>7,00</b>	<b>266</b>	<b>114</b>	<b>20</b>	<b>28</b>	<b>36</b>	<b>30</b>	
1	Project Seminar	C	Кафедра информационных технологий в бизнесе	4,00	152	66			36	30A	
2	Career Guidance Seminar	C	Кафедра информационных технологий в бизнесе	3,00	114	48	20	28A			

	<b>English</b>				<b>5</b>	<b>2</b>				<b>2</b>	
	<b>Optional Courses</b>										
1	English	O		8,00	304	128	20	28A	40	40A	Foreign language, Credits only to the cumulative rating
	<b>Examinations</b>				<b>5</b>	<b>2</b>				<b>2</b>	
1	English Language Integrative Exam	C	Департамент иностранных языков		5	2				2A	
	<b>General Courses</b>			<b>10,00</b>	<b>580</b>	<b>314</b>	<b>130</b>	<b>70</b>	<b>64</b>	<b>50</b>	
	<b>Optional General Courses</b>			<b>9,00</b>	<b>342</b>	<b>156</b>	<b>88</b>	<b>38</b>	<b>20</b>	<b>10</b>	
1	Russian History	C	School of History	4,00	152	72	34	38A			Online Course
2	Foundations of Russian Statehood	C	School of History	2,00	76	54	54A				
3	Legal Literacy	C	департамент права цифровых технологий и биоправа	3,00	114	30			20	10A	Online Course
	<b>Core General Courses</b>			<b>1,00</b>	<b>238</b>	<b>158</b>	<b>42</b>	<b>32</b>	<b>44</b>	<b>40</b>	
1	Safe Living Basics	C	Department of Physical Training	1,00	38	14	14A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	28	32A	44	40A	
	<b>Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
	<b>Project Internship</b>			<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
1	Research or Applied Project	E		3,00	114	2				2A	

**Curriculum agreed:**

Academic Supervisor	LANIN V.V.	16.05.2023
Dean	ISOPEKUL O.Y.	17.05.2023
Deputy Director	ZAGORODNOVA E.P.	18.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	19.05.2023

\* Subject type:

Compulsory course  
Elective course  
Optional course

C  
E  
O